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The engine of aerobic life ...

... on earth is a tetramanganese oxo cluster at the very heart of Photosystem II (PSII) in green plants, algae, and photosynthetic bacteria. In their Communication on page 11182 ff., F. Scandola, U. Kortz, M. Bonchio et al. have identified a unique hybrid set of ligands to provide the first functional analogue of the PSII oxygen-evolving center that works in an artificial environment (Cover picture: Rami Al-Oweini).

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